



**US Army Corps  
of Engineers®**  
New York District

# New York and New Jersey Channels Arthur Kill Reach

## Maintenance Dredging

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### FACT SHEET

**MAY 2003**

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**DESCRIPTION:** Maintenance dredging of Mile 14 (Outerbridge Crossing) to Mile 23 (Gulfport Reach), of the Arthur Kill Reach of New York and New Jersey Channels with the placement of dredged material at a permitted contractor-provided upland placement site in FY03.

**AUTHORIZATION:** The federal navigation project for the Arthur Kill reach of the New York and New Jersey Channels was authorized by the Rivers and Harbors Act of 1933 and subsequently modified by the Rivers and Harbors Act of 1935, 1950, 1965 and 1985. It provides for: A channel 37 ft. deep in rock and 35 ft. deep in soft material, 600 ft. wide through Lower New York Bay, Raritan Bay into the Arthur Kill to a point 1,000 ft. north of Smith Creek, except of the vicinities of Seguine Point and Ward Point where the width is 800 ft.; thence 500 ft. wide, to a point 1,000 ft. south of the location of former Buckwheat Island; thence 500 to 600 ft. wide passing north of Shooters Island and protected by a dike on its northern side of the junction of the channel into Newark Bay; under the Kill Van Kull, Newark Bay Channel, New York and New Jersey authorized for construction in 1985, the existing Kill Van Kull Channel is authorized for deepening to 45 ft. (47 ft. in rock) and 800 ft. wide from the vicinity of Shooters Island and junction with Newark Bay through the Kill Van Kull to Constable Hook; thence 1,300 ft. wide from a point opposite the east end of Constable Hook to a point near the intersection along the New Jersey Pierhead line and thence 3,070 ft. wide through Kill Van Kull to Upper New York Bay with suitable easing of the bends and junctions. Length – about 31.0 miles.

**STATUS:** The last dredging, completed in September 1998, involved maintenance dredging of a portion of the federal navigation project (between the Outerbridge Crossing and the area north of Shooters Island adjacent to Newark Bay Channel), miles 14 to 26, to its authorized project depth. The dredged material was placed at the Seaboard Disposal Site provided by the contractor, SK Services. A total of 926,269 cubic yards of sediment was removed to maintain the channel to the authorized dimensions at a cost of \$ \$44,665,945.86.

The current maintenance dredging scheduled for FY03 will remove critical shoals, approx. 45,000 cubic yards of material, with options to remove up to a total of approximately 200,000 cubic yards of sediment. The dredged material will be placed at a permitted upland placement site(s) provided by the contractor. Technical proposals for maintenance dredging and disposal of dredged material have been reviewed and three contractors' proposals were found to be acceptable. There was a bid opening on 18 March 03 resulting in the selection of an apparent low bidder. A pre-award survey was conducted and Don Jon Marine Inc. was notified to be the apparent low bidder. Contract award is expected mid-July 03 with dredging planned for late July-Sep 03.

**CONTACT:** Joe Olha, Project Manager, 212-264-5621  
mailto: joseph.olha@usace.army.mil  
U.S. Army Corps of Engineers, New York District  
26 Federal Plaza  
New York, NY 10278  
<http://www.nan.usace.army.mil>  
District Area: NY #8, #13; NJ # 13

